

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP 99/00522

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 6 B29C45/38

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 690 974 A (MIYAIRI KAZUKI) 25 November 1997 see column 3, line 31 - column 4, line 15; figures 1-4	1-3,5-8, 10
X	--- PATENT ABSTRACTS OF JAPAN vol. 18, no. 65 (M-1554), 3 February 1994 -& JP 05 285994 A (TEKUNOPURASU: KK), 2 November 1993 see abstract -& DATABASE WPI Section Ch, Week 9348 Derwent Publications Ltd., London, GB; Class A32, AN 93-382661 XP002101349 see abstract --- -/--	1,3,5,6, 8,10,12

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&amp;" document member of the same patent family

Date of the actual completion of the international search

27 April 1999

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11/05/1999

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 620 097 A (SANKYO KASEI KK) 19 October 1994 see column 5, line 1 - column 6, line 18; claims 1,2,5,6; figures 1-5 ---	1-3,6-8
X	PATENT ABSTRACTS OF JAPAN vol. 14, no. 488 (M-1039), 24 October 1990 -& JP 02 198816 A (MATSUSHITA ELECTRIC IND CO LTD), 7 August 1990 see abstract ---	1,5,6,10
X	PATENT ABSTRACTS OF JAPAN vol. 98, no. 2, 30 January 1998 -& JP 09 262880 A (MITSUBISHI MATERIALS CORP), 7 October 1997 see abstract ---	1-10
X	PATENT ABSTRACTS OF JAPAN vol. 18, no. 452 (M-1661), 23 August 1994 -& JP 06 143364 A (MEIKI CO LTD), 24 May 1994 see abstract -----	1,5,6,10

## INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5690974	A	25-11-1997	JP	2800103 B	21-09-1998
			JP	8281714 A	29-10-1996
EP 0620097	A	19-10-1994	JP	7205205 A	08-08-1995
			JP	6297513 A	25-10-1994
			JP	7032421 A	03-02-1995
			AU	5926494 A	13-10-1994
			CA	2121013 A	13-10-1994
			CN	1093974 A	26-10-1994
			US	5460508 A	24-10-1995
			JP	7214606 A	15-08-1995

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## Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

### MODIFICATIONS IN THE FOLLOWING LINES OF THE TEXT:

- Line 8: ...reservoir (12) and a molding cavity (10) of an injection mold, a depth (L1)...
- Line 9: ...reservoir (12) being larger than a thickness (L2)...
- Line 10: ...portion (11); and moving a cut punch (15), when a portion (27)...
- Line 11: ...reservoir (12)
- Line 12: ...resin (27) in the resin reservoir (12) back from a gate (14)...
- Line 13: ...runner (7) so that the cut punch (15)...
- Line 14: ...portion (11)...
- Line 15: ...reservoir (12) away from a resin molded product in the molding cavity (10)...
- Line 16: ...portion (11)...